English

- Quick Start Guide
- Version 12/08

# NEXTO DI Video Storage

## Portable Storage for Professional Video Cameras

Standalone, On The Go, Battery Powered Storage

for

Cameras and Camcorders etc.

NEXTO DI

www.nextodiusa.com

USB 2.0 eSATA 3 Gb/s

NEXTO Video Storage

# Quick Start Guide

## 1 Introduction

Thank you for purchasing this Nexto Video Storage product.

Please read the instructions and warranty card before charging your Nexto unit for the first time. Note that if the protective seal on the side of the unit is broken, the warranty will be voided. Do not tamper with the seal.

Nexto Video Storage allows videographers to save footage from camcorders to a hard drive, without using a computer. The camcorder can then be used to record new data. NextoDI has optimized the performance of the Nexto Video Storage so that data is copied from camcorders to Nexto Video Storage more quickly than to comparable portable storage devices.

Data stored on the Nexto Video Storage can later be copied to a computer - any computer that recognizes USB or eSATA drives, including PCs and Macintoshes. Nexto Video Storage can also be used as a computer backup device.

Nexto Video Storage supports professional video cameras from many manufacturers, including Sony and Panasonic (which use high speed PCI Express/PCMCIA flash memory cards for HD video), and memory formats such as Compact Flash (CF), Secure Digital (SD), SDHC, Multi Memory Card (MMC), Memory Stick (MS), and xD Picture Card.

*The Nexto Video Storage can store up to two Terabytes (2Tb) of information.*

**Follow operating instructions carefully to avoid damage to the product or personal injury.**

**This guide assumes that your Nexto Video Storage unit contains a properly formatted hard drive and a charged battery.**

### Charging the Batteries

A "LiPo" rechargeable battery is included in the Nexto Video Storage (lithium-polymer). This rechargeable battery does not have the so-called "memory effect", i.e., the rechargeable battery can be charged whenever you want. Furthermore, it is more powerful than conventional NiCad and NiMH rechargeable batteries. Note these important instructions when handling the LiPo rechargeable battery

- Charge the rechargeable battery regularly, even if you do not use the product. The Nexto Video Storage needs "current" (a small quantity) at all times. Due to the rechargeable battery technology, it is not necessary to discharge the battery before recharging. Recharge the battery completely, about once a month. The device will be ready for use at all times.

**The battery can be charged using the AC power adapter unit delivered with this product.**

1. Connect the charger's wall plug to the Nexto Video Storage's "DC IN" connection.
2. Plug the AC power adapter unit into a wall socket.
3. The LED on the Control (Copy) key shows red during the charging.
4. When the battery is charged, the red LED turns off.
5. If there is an error when charging, the LED blinks. If this happens unplug the AC adapter unit and plug in it again.
6. If the optional external battery is connected to the "BAT" connector, both internal and external battery charged at the same time.
7. With a completely empty rechargeable battery, the charging procedure lasts approximately 5 hours.

## 5 How to Turn on the Nexto Video Storage

Press and hold the Control (COPY) key for more than two seconds.
If the Nexto Video Storage does not turn on, the battery may be low. Charge the Nexto Video Storage using the AC adapter (wall plug).

### Startup Error Messages

If the hard drive was not installed, or was not installed properly, an error message will be displayed.

Upon start-up, if an error message appears, the hard drive may not have been formatted or installed properly.

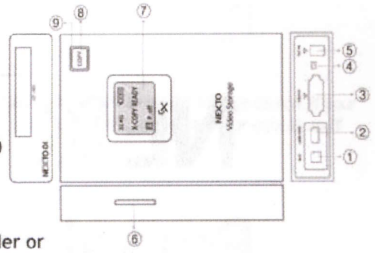
| Error Message | Troubleshooting Suggestion |
|---|---|
| No HDD | No hard drive has been installed on your Nexto Video Storage. |
| Disk Format Error | The hard drive has not been properly installed, or formatted in the correct format (FAT32) |

Check the remaining data capacity of the Nexto-eXtreme (See the 'The LCD display' section of this Quick Start Guide). If the remaining capacity is smaller than the data to be copied, the data will not copy properly. Delete unnecessary files in the Nexto-eXtreme or replace the hard drive.

## 2 Contents of the Nexto Video Storage Package

1. Nexto Video Storage unit with hard drive & built-in LiPo rechargeable battery
2. AC power adapter (wall plug charger)
3. USB cable for computer connection
4. eSATA cable for computer connection
5. USB host adapter cable for USB device connection (such as a camcorder or USB card reader)
6. Protective Case with a side pocket for the Li-Ion rechargeable external battery
7. Quick Start Guide & Warranty Card
8. LiIon rechargeable external battery
9. Car Charger Cable

## 3 Device Diagram




1. **"BAT" connection** for external rechargeable battery pack.
2. **"USB OTG" port** for USB2.0 device connection to a computer or for USB 2.0 host connection to USB devices such as a card reader or camcorder.
3. **"eSATA" port** to connect to a computer. "eSATA" devices do not provide power, so use the AC power adapter or a USB power connection when using eSATA.
4. **Recessed Reset key**, to be pressed with a tooth pick, or similar tool; turns off the Nexto Video Storage device in the event of a hardware or software malfunction.
5. **"DC IN" connection** for AC power adapter unit (wall plug).
6. **4in1 slot** to download data from SD/SDHC/MMC/MS/xD devices.
7. **LCD Display.**
8. **Control (COPY) key**. Controls power on/off and most other commands.
9. **LED.**
   a. Green indicates "power on."
   b. Red indicates battery is charging.
   c. Blinking red indicates that a data transfer is occurring.
10. **Compact Flash slot.**

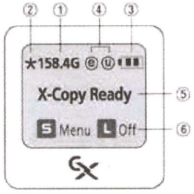
## 4 The Nexto Video Storage Interface

### The Control (COPY) Key

The Nexto Video Storage is operated by a single Control (COPY) key, which can be used in four different ways. The display shows you the "S", "D" or "L" symbol to help you invoke the desired function.

| Symbols | Meaning | Operation |
|---|---|---|
| S | Short stroke | Press once and release immediately. |
| L | Long stroke | Press and hold the key for more than one second. |
| D | Double-click | Double click - press twice. Similar to a mouse double click. |
| On/Off | On/Off | Press and hold the key for more than two seconds. |

### The LCD Display

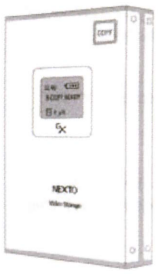


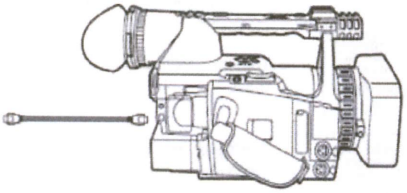

1. Remaining capacity of the hard drive
2. The "*" indicates that the remaining capacity of hard drive may not be correct. Nexto Video Storage recalculates the capacity when it automatically powers off.
3. Remaining capacity of the rechargeable battery
4. Indicates external power source in use. (U)USB power. (E)AC adapter power.
5. Current status.
6. Available control command

**The display varies depending on the function in use.**

Check the remaining capacity of the internal battery on the upper right corner of the screen. If it is low, charge the Nexto-eXtreme before use. You may also use the external battery, but again, it may need to be charged before use. Plug the external battery into the "BAT" connection on the Nexto-eXtreme while the Nexto-eXtreme is charging using the AC adapter.

## Copying Video Footage from a Camcorder to the Nexto Video Storage via a USB Cable





1. Connect the USB host adapter cable to the "USB OTG" port on the bottom of the Nexto Video Storage unit.
2. Connect the standard USB cable to the USB host adapter cable and the camcorder/camera.
3. Make sure your camcorder/camera is charged, or connect it to AC power (a wall outlet)
4. Turn on your camcorder/camera.
5. Turn on the Nexto Video Storage unit.
6. Set your camcorder/camera to connect to a computer and copy files. Some camcorders/cameras are set to this mode automatically after the previous steps are done. Please refer to the camcorder or camera's user manual if you are not sure of the correct setting.
7. The display says "USB connected - Copy? S=Y, L=No"
8. To copy the data, use a (S)hort stroke (press and quickly release the COPY key.)

## 8 Using Nexto Video Storage as a Hard Drive

The Nexto Video Storage can be attached to your computer as an external hard drive. Two connection methods are supported.

1. Connect to the computer's USB2.0 port via the Nexto Video Storage "USB OTG" port and the USB cable.
2. Connect to the computer's eSATA port via the Nexto Video Storage "eSATA" port and the eSATA cable.

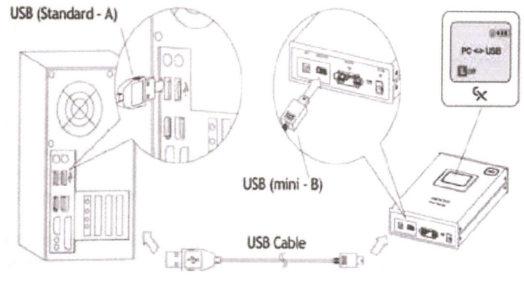
Device drivers for the Nexto Video Storage are included in the Microsoft Windows Vista, ME, XP and 2000 operating systems. Drivers for Windows 98 systems can be downloaded from the NextoDI website. To download drivers, go to

www.nextodiusa.com

When you have successfully connected the Nexto Video Storage to your computer, the content of the Nexto Video Storage's hard drive will appear in Windows File Explorer.

### Connecting Nexto Video Storage to Your Computer via the USB Cable

1. Turn on your computer. Wait until the operating system has completely booted.
2. Turn on the Nexto Video Storage.
3. Connect the Nexto Video Storage "USB OTG" port via the USB cable with a free USB2.0 port on your computer. A USB1.1 port can be used also.
4. Check the "PC <->USB" at the LCD display of Nexto Video Storage.
5. If the computer detects the Nexto Video Storage, a new drive named [NEXTODI] will appear in the "My Computer' display (Windows users) or on your Desktop (MAC users.)




* Windows is a trademark of Microsoft Corporation.
MAC is a trademark of Apple Computer, Inc.

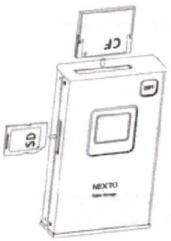
### Example Using a Professional Video Camera

1. Power on your Camcorder. Select the media management or transfer mode for your camcorder.
2. Select the USB interface.
3. Choose the USB device to be connected.

4. You may see a message from the LCD display of the camcorder that the USB connection has been made.
5. The Nexto Video Storage display says "USB connected Copy? (S)Yes (L)No".
6. To copy the data, use a (S)hort storke (press and quickly release the COPY key).

Only one memory card should be connected to the camcorder. If two memory cards are connected, only the memory card in the primary slot is copied.

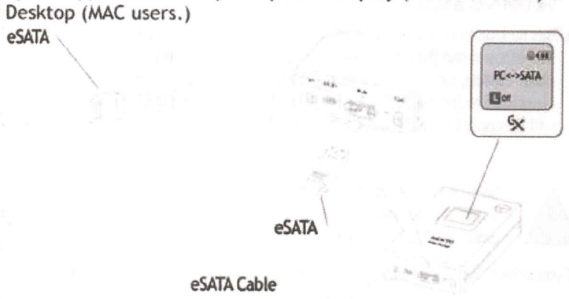
## 7 Copying Data from Flash Memory Cards to the Nexto Video Storage



1. The Nexto Video Storage must not be connected to a computer.
2. Insert a memory card in the Nexto Video Storage's corresponding memory slot.
3. Turn on the Nexto Video Storage.
4. The display says "XX detected - Copy? S=Y, L=No" (XX represents the type of memory card detected, such as CF, or SD.)
5. To copy the data, use a (S)hort stroke (press and quickly release the COPY key.)
6. The display tells you "Copy Complete."

### Connecting Nexto Video Storage to Your Computer via eSATA

1. Turn your computer on and wait until the operating system has completely booted.
2. Turn the Nexto Video Storage on.
3. Connect the Nexto Video Storage **"eSATA" port via the eSATA cable with a free eSATA port on your computer. The eSATA cable does not provide power.** If the Nexto Video Storage will be used for a long time, use the AC power adapter unit or USB cable to provide power.
4. Check the Nexto Video Storage LCD display. If the connection has been made, you will see "PC <->eSATA".
5. If the computer detects the Nexto Video Storage, a new drive named [NEXTODI] will appear in the "My Computer" display (Windows users) or on your Desktop (MAC users.)




### Disconnecting the Nexto Video Storage from Your Computer

When you have finished transferring files between your computer and the Nexto Video Storage, follow these steps to disconnect.

For Windows

Right click the Storage device icon in the System Tray (lower right corner of your screen) and select Safely Remove Hardware or Unplug or Eject Hardware. Then remove the USB cable from the Nexto Video Storage and your computer.

For MAC

Drag and drop the NEXTODI icon to the trash. Then remove the USB cable from the Nexto Video Storage and your computer.

The CF slot and the 4in1 memory card slot do not work when connected to a computer. The Nexto Video Storage cannot be used to connect CF cards, or other video cards, to your computer.

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# Advanced Functions

The Nexto Video Storage has seven advanced function menus, accessible from the Main Menu

| Menu | Function |
|---|---|
| Main Menu | Allow user to choose one of the seven functions below. |
| Format | Format internal hard drive. See chapter 13 for more details. |
| Browse | Built in simple file browser for searching, deleting and copying files and directories of the hard drive. See chapter 6 for more details. |
| Sync | Synchronize the data stored in Nexto Video Storage and external USB hard drive connected at "USB OTG" connector via USB host cable. Used for backing up data. |
| Self Test | Built-in test utility for testing physical errors on internal hard drive or memory card. |
| Buzzer | On/Off setting for buzzer sound. Factory setting is On. |
| AutoVrfy | On/Off setting for auto verification option. Factory setting is Off. If this option is set, full verification is done after each memory card copy. |
| PwrOff time | Change the power off time. Factory setting is 30 seconds. |

## Main Menu

- Press the control key briefly to get to the main menu page.

There are three menu pages. You can move to any function by pressing and releasing the control key. Press and hold (press more than 1 second) to select the function. See chapter 13 and 6 for "Format" and "Browse" function

## Sync function

- The "Sync" synchronizes data between [NEXTOVS] folder of the Nexto Video Storage and [NEXTO] folder of external USB hard drive connected to the "USB OTG" connector via USB host adapter.
- This function compares the folders stored in the [NEXTOVS] folder of the Nexto Video Storage and the [NEXTO] folder of USB hard drive. New folders will be copied to the other device, i.e. if a folder is in [NEXTOVS] but not in [NEXTO], then that folder will be copied to [NEXTO]. If a folder is in [NEXTO] but not in [NEXTOVS] then that folder will be copied to [NEXTOVS]. The copy direction is selected during the function set

Be sure to connect the power adapter of external USB hard drive. The Nexto Video Storage may not be able to provide the amount of power needed by external USB hard drive.

If you select "Sync", the Nexto Video Storage will ask you the direction of copy.

[S] : Press and release control key - to copy new folders from [NEXTO] folder of external USB hard drive to [NEXTOVS] folder of Nexto Video Storage

[L] : Press and hold (more than 1 second) control key to copy new folders from [NEXTOVS] folder of Nexto Video Storage to [NEXTO] folder of external USB hard drive.

Now connect external USB hard drive to the "USB OTG" connector via USB host cable.

The "SYNC" operation starts automatically.

# Self test function

- If you select "Self test", then Nexto Video Storage asks you to select the device for testing.
- You can select internal hard drive or memory card connected in built-in slots or USB device connected via the "USB OTG" connector.
- The Nexto Video Storage offers two test methods for hard drive.
- The "Quick test" takes about 1-2 minute for testing hard drive. This function uses S.M.A.R.T function provided by hard drive.
- The time is displayed during the test.

The "Full test" tests all the area of hard drive.
It takes about 1 minute per 2GB. If the hard drive is 320GB, it takes more than 2 hours. So you must use AC power adapter and a wall outlet.

Testing "CF/USB" is also done by this "Full test".

The 'Self test" does not fix errors or modify data on the storage device. If your storage media contains errors, use a different card or drive, or consult an IT professional.

## Buzzer On/Off

Press and hold the control key to change the status of this option.

## Auto Verify On/Off

If this option is "On" state, full verification will be automatically executed after the backup from memory card or USB device. Choosing this option doubles the copy/backup time.

Press and hold the control key to change the status of this option.
There are three options.

1. Non for don't verify during backup.
2. 'S' for sample verification after backup.
3. 'F' for full verification after backup.

## Change Power Off Time

The Nexto Video Storage automaticaly powers off if it's not used for certain amount of time. The factory setting is 30sec. You can select either 15/30/60 seconds from this menu.

- Charging via USB (without the AC power adapter unit) is possible. A high power USB connection is needed, i.e. a USB connection with its own power supply (such as the USB port of a computer or a USB hub with power unit). Charging via USB takes place only when the Nexto Video Storage is turned off.
- If the Nexto Video Storage is operated with a notebook, then you must always use the AC power adapter unit to charge the Nexto Video Storage, as notebooks cannot deliver the necessary current via USB.

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